EXHIBIT A

Protein Kinase C Inhibitor 20-28, Cell-Permeable, Myristoylated

Cat. No. 476480

Myr-N-FARKGALRQ-NH_2

Myristoylated Protein Kinase C Inhibitor 20-28, Cell-Permeable

Lyophilized solid. Supplied as a trifluoroacetate salt. HYGROSCOPIC. Pseudosubstrate sequence from protein kinase C_α and β (PKC_α and PKC_β). N-Terminus is myristoylated to allow membrane permeability. Highly specific inhibitor of TPA activation of MARCKS phosphorylation in fibroblast primary cultures (IC_{50} = 8 µM); exhibits 98% inhibition at 100 µM. *Purity: ≥95% by HPLC.* Sold on the basis of peptide content.

N-Myr-Phe-Ala-Arg-Lys-Gly-Ala-Leu-Arg-Gln-NH_2

Ref.: Eichholtz, T., et al. 1993. *J. Biol. Chem.* **268,** 1982. Ward, N.E. and O'Brian, C.A. 1993. *Biochemistry* **32,** 11903.

Need additional information about this product? Email our Technical Service department at: technical@calbiochem.com

Tech Resources

Product Data Sheet

MSDS - English

Other Languages

Selected Citations

Certificate of Analysis

Store

-20°C

Ship

Ambient

Note: Store and Ship conditions may differ.

See Key

▸ **Related information for this product is available:**
Additional information is available from the "Tech Resources" box in the upper left panel of this page.

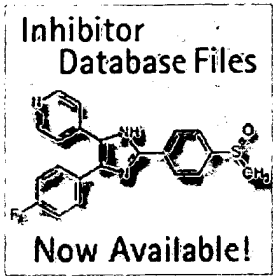
- Select One -

EMD Chemicals Inc. USD list price is displayed (pricing with local distributors may vary). NOTE: In Stock status is based on item availability worldwide.
Sales Office Contact Details

Size	In Stock	Qty	Price
500 µg	Y		$107.00

Add to Cart

Solubility	Molecular Formula	Mol. Wt.
Tris buffer or H_2O	$C_{60}H_{106}N_{18}O_{11}$	1255.6



Related Literature:

Protein Kinase and Related Tools Brochure

Inhibitor Sourcebook

Material Safety Data Sheets:

476480: Protein Kinase C Inhibitor 20-28, Cell-Permeable, Myristoylated - English

Bulgarian	French	Italian	Portuguese
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Dutch	Greek	Norwegian	Swedish
Finnish	Hungarian	Polish	

Related Categories:

All Categories » Calbiochem » Inhibitors » Kinase and Phosphatase » Protein Kinase C (PKC)

Selected Citations:

1. Ying Zhang, Mingjuan Liao and Maria L. Dufau. (2006) Phosphatidylinositol 3-kinase/protein kinase Cγ-induced phosphorylation of Sp1 and p107 repressor release have a critical role in histone deacetylase inhibitor-mediated depression of transcription of the luteinizing hormone receptor gene. *Molecular and Cellular Biology* **26**, 6748-6761.
